

BASSETT MAGUIRE

Volume 3⁴

Bassett Maguire
(Celia K. Maguire)

Bassett Maguire

Gmelina Survey

60200-60208
60209-60211
60335-60341

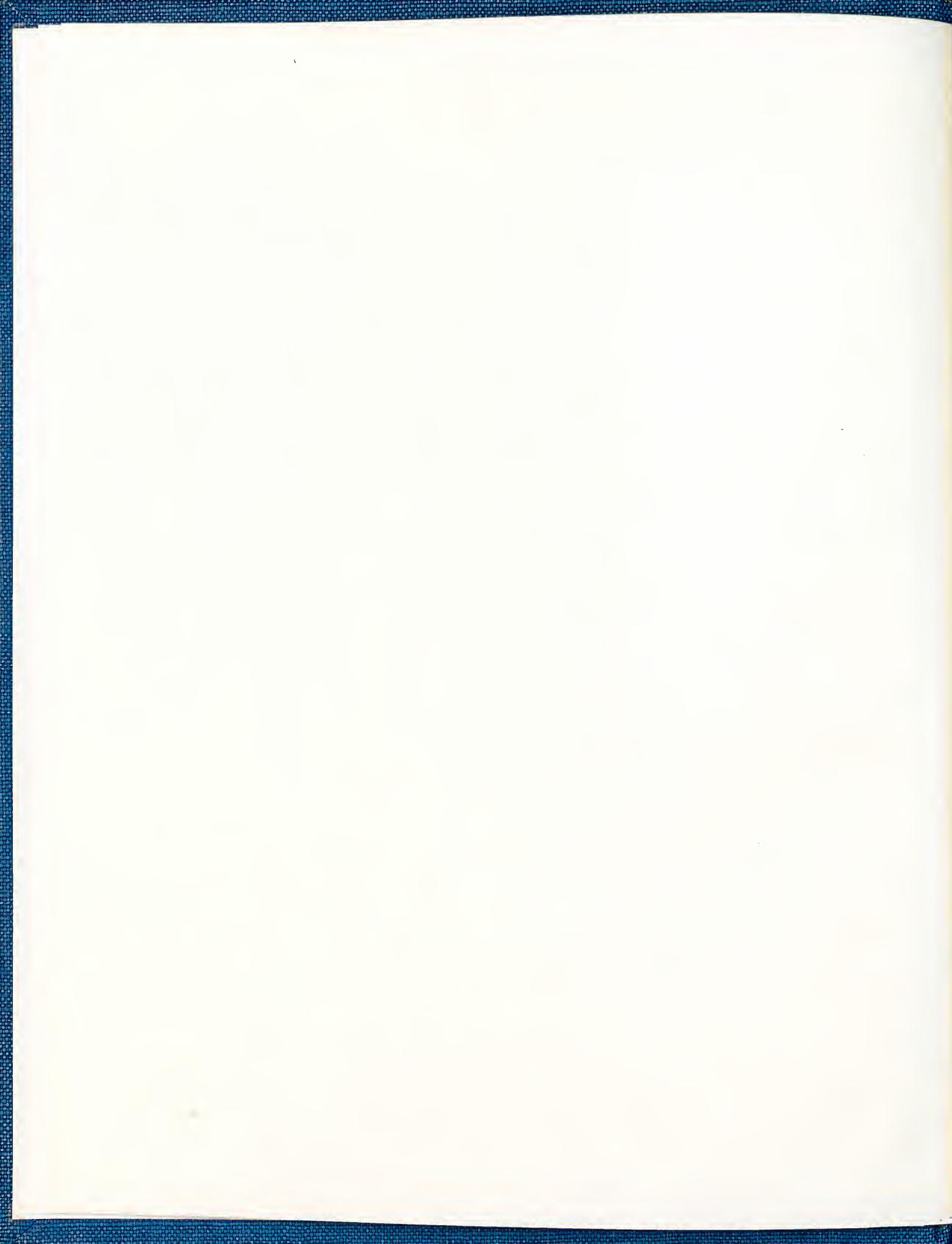
Africa

British Honduras
Panama
British Honduras

April 3-11, 1967

January 4, 1967
January 1967
May 4, 1967

801



V. 34

1

2

April 3, 1967

N. 1 (A)

Locality

Date

Size

Form

Soil

Remarks

N. 3 (

Locality

Date

Size

Form

Soil

Remarks

N. 4 (9)

Locality

Date

Size

Soil

Remarks

N. 5 (10)

Locality

Date

Size

Soil

Remarks

H. 6. (4)

Locality

Date

Size

Trees N. 1 - N 12 at Pitwood Plantation - Federal Research Station, Enugu
 In plantation all but 10 trees cut, these left as seed trees. Plantation not of coffee - not too impure.
 Fairly good, remarkably uniform.

Enugu Pitwood Plantation. Federal

March 3, 1967

19.5" 40' - 10" 65'

Good Main axis prominent with crown

Sandy-clay.

Roadside at Forest

Headquarters

Enugu Pitwood Plantation

March 3, 1967

Diam 15" 50'-60'-6.5' 75'

Trunk forward to within 10'

Sandy-clay. Hard pan at 3' - laterite often consolidated.

Self pruned to narrow crown as are all trees in plantation

14.5" - 50' - 6" 70'

Soil

Remarks

16" 50' - 7" 75'

Soil

Remarks

15.5" 45' - 6" 70"

Locality

Date

Size

N. 7 (5) 14" 50-7" - 70'

N. 8 (3) 18" 50-7" 75"

N. 9 (2) 15.8" 45-8" - 70'

N. 10 (7) 16" 45-50-7" 75'

N. 11 (6) 17.6" 50' - 7" 80'

4

N.12 (1) 15" 40: 6" 65'

N.2 (8) 21" 35.41-7" 60'

April 4, 1962. Effraim Forest Reserve. Planted June-July 1962.
Sand draw $A \pm 1' 032''$

N.13 7.7" - 60'

N.14 8.8" - 60'

N.15 9.0" 55'

N.16 9.8" 50'

N.17 9.5" 50

N. 18	7"	55'
N. 19	9.2"	60'
N. 20	10.9"	65'
N. 21	8"	55'
N. 22	9.8"	60'
N. 23	13"	45 (border)
N. 24	8.9"	60'
N. 25	12"	60' (border)
N. 26	8.1"	55'
N. 27	9"	40'
N. 28	8.1"	60'

6

N 29 10" 55' own family -

N 30 8' 55'

N 31 8.9" 55'

N 32 11.3 55' marginal

H 33. 8.1 60'

H 34 10.8 60'

35 8.13' 55'

36 7.0" 55'

37 8.5" 60'

38 8.1" 60'

39 8.6 55'

N 40 2.9' 50'

N 41 16" 70' Crown bent back light
than right.

42 8.8" 60'

N 43 10.4" 60' Crown faulty

44 9.0" 60'

45 7.6' 45'

46 6.2 45'

47 8.7' 55'

8

N 48

5.8"

60'

49

10.5"

65'

50

7.2"

65'

51

11"

65'

52

9.2"

65'

April 5, 1967

Ikirion Forest Reserve

N 53

12"

60'

80'

54

18

60'

80'

N 55 13.8" 65' 85'

56 16.8 55 75'

57 15.3 60' 75'

58 14" 60' 75'

59 15" 60' 70'

60 12.6" 60' 70'

61 18" 65' 80'

62 15.2" 60'-6" 80'

10

N 63.

13.6'

65' - 6"

85'

68

15.2"

65'

23'

60

16.7"

70' - 6"

81'

66

13.5

50' - 6"

50'

67

13.5

50' - 6"

20 from 6mm

68

14.2"

45' 7"

65'

69

19"

55' - 6"

80'

70

15.3"

55' - 6"

75'

71 18.4" 65' - 7" 80'

72 13.3 65 - 7" 75'

73 16.3 65 - 7" 75'

74 14.8" 56 - 6" 75'

75 14.0 43 - 8" 75'

76 13.7 40 - 7" 70'

77 19.9" 50 - 8" 70'

78 13.6" 50 - 6" 70'

79	18"	50 - 8'	10'
80	15.8"	65 - 6"	20"
81	15.5"	45' - 3"	70'
82	16.5"	50 - 5"	20"
83	12' 0"	45' 8"	70"
84	19.1"	50 - 9"	20"
85	20.4"	55' 8"	70'
86	21.4"	60 - 8"	80'

14

87	13.5	50 - 6	70
88	14.6	45 - 6	65
89	14.0	50 - 6	70
90	14.9	55 - 6	70
91	14.5	60 - 5	70
92	13.3	55 - 6	65
93	13.6	50 - 5	65
94	14.8	60 - 5	75

N. 95 16" 40-10' 60'

96 18.2" 45-10' 60'

97 19.8" 45-7' 65'

98 16" 45-8' 30'

99 15.8" 50-6' 30'

100 18.2" 60-6' 75'

101 19.6" 60-7' 75'

102 19.7" 50-8" 75'

16

N 103 20' 50-10 15
Engines burnt after 35'

N 104 15.1 .55-5 20'

N 105 20.1 60-9" 75"

N 106 14.2 60-6" 70"

N 107 13.2 60-6" 28"

N 108 13.9 60-5" 35"

N 109 14.8 55-5" 38"

N 110 19.4 55-8" 75"

N 111 17.2" 60.8" 65'

N 112 16.4 60.6 65'

Mama River Plantation

N. 113 17.7" 45' 7" 65'

114 11.7" 50' 5" 20' Magie
planting

115 22.1" 50' 8" 65' light
brown

116 18" ~ ~ 50' 2" - 65'

117 16.8" 45' 7" - 65'

18

N 118	19.4	50° 7"	25'
-------	------	--------	-----

119	19°	49° 8"	25'
-----	-----	--------	-----

120	18"	50° 2"	25'
-----	-----	--------	-----

121	18°	50° 6"	25'
-----	-----	--------	-----

122	18.0"	50° 7"	25'
-----	-------	--------	-----

123	14.6	50° 6"	25'
-----	------	--------	-----

124	13.7'	50° 6"	25'
-----	-------	--------	-----

125	14.4"	45° 3"	20'
-----	-------	--------	-----

126	22"	55° 39"	20'
-----	-----	---------	-----

127	16.8"	50° 6"	25'
-----	-------	--------	-----

N. 125	22.5'	40° 12"	66'
129	16.5	50° 6"	65'
130	14.3	50° 5"	70'
131	20.2	45° 10"	78'
132	17.1	45° 8"	70'
133	14.3	40° 6"	70'
134	18.5	40° 5"	70'
135	15.9	40° 6"	65'
136	18.8	40° 7"	70'
137	12.9	50° 5"	

20

mag. long. lat.

N 138

18.1

40° 7'

15°

139

17.9

50° 6'

70°

140

20.6

40° 8'

45°

141

14.4

50° 2'

75°

142

14.0

50° 6'

70°

143

17.4

50° 6'

70°

144

12.8

50° 6'

70°

145

15.7

50° 6'

70°

146

10.9

50° 5'

70°

147

16.8

40° 7'

70°

N 148 16.3" 50 - 7' 75'

149 13.1" 55 - 5" 70'

150 15.2" 50 - 6" 70

151 13.4" 50 - 5" 70"

152 11.7" 50 - 4" 70"

153 12.0" 45 - 5" 70"

154 15.6" 45 - 6" 70

155 13" 45 - 5" 70"

156 12" 45 - 5" 70"

157 12.6" 50 - 5" 70

22

158 14.9"

55 - 5"

65

157 16.3"

45 - 7"

65

160 13.6"

50 - 6"

65

161 17.7"

45 - 7"

65

162 30.6

50 - 8

Brookings 70

23

Akaka Plantations

Apr. 7, 1961

Comp. 29B planted 1955

June.

Thinned 1962.

Comp. 29A planted 1953

Coppiced 1963

Sandy Clay-loam with talc-ite

Max. 89.9. Min 78.28

Dry Dec - Mar.

Rainy Peak July - Sept.

Av. rainfall 26".

Dist. 100-300'

29A

N 163 17.1" 45-9" 65'

164 18.7" 50-8" 65'

165 13.3" 45' 6" 65'

166 13.9" 50' 6" 65'

167 16.2" 40' 10" margin 60

168 15.3" 50' 7" 70'

24

169 20.2" 40° 13' 65'

170 16.1" 50° 6' Cumm had ~ 65'

171 19.3" 45° 8' 60'

172 15.9" 45° 7' 60'

173 13.7" 60° 6' 70'

174 15.5" 50° - 7' 70'

175 14.6" 40° 6" 60'

176 13.8" 50° 7" 65'

177 15.1" 55° 7" 70'

178 13.6" 50° - 7" Mt. family
Brown, brown, brown, and tan, a thin
skirt

22

25

N. 179

12.9°

55° 6° margin

65°

apical growth rounded & more defined
after copious.

29 B

Star-shaped and ciliated sections made. Standish 1965

N 180

13.8°

50-5°

60°

181

13.2

50-6°

60°

182

13.4°

45-6°

60°

183

11.6°

40-6°

55°

184

10.6°

50-5°

60°

185

11.6°

50-5°

60°

186

12.3°

40-7°

60°

187

10.6°

410-6°

60°

The back of specimen from project
involving 4 species of *Lamprospadix*

26

Dense in star beds are poorly fossiliferous
slim sh. - Middle Miocene

N 188	12.02"	55-5"	65'
189	11.65"	55-5"	65'
190	12.19"	55-5"	65'
191	12.18"	55-5"	65'
192	14.012"	55-5"	65'
193	13.5"	55-5"	65'
194	11.2"	55-5"	65'
195	13.5"	55-5"	65'
196	17.3"	55-5"	65'
197	13.8"	55-5"	65'

27

198

14.9"

40.3"

60"

199

13.6"

35.6"

63"

200

13.9"

35.5"

65"

25

O. A. UNAAB
 FOREST OFFICE, BENDO ON THE RIVER,
 Bendo April 8, 1969

Brsp. 15. 13.7 Clay -
 N 201 11" 50-3

65

202 13.2" 50-6" -

65

203 14.4" 50-6" -

65

204 11.2" 50-7" - - - - 65 -

205 12.3" 40-6" - - - - 65 -

206 11.4" 40-5" - - - - 65 -

207 13.2" 40-6" - - - - 65

208 16.7" 05-6" - - - - 65

209 14.3" 50-5" - - - - 65

29

N 210	16.2"	45-8"	65"
211	12.9"	45-6"	65"
212	12.6"	45-7"	65"
213	14.4"	50-5"	65"
214	15.0"	50-3"	65"
215	10.9"	45-5"	65"
216	14.7"	60-6"	65"
217	12.7"	45-6"	65"
218	15.1"	45-6"	65"
219	12.7"	50-5"	65"

30

N 22.0

12.2

50 - 5

65

22.1

12.1

45 - 5

65

22.2

16.0

45 - 6

70

22.3

16.1

50 - 6

65

22.4

16.8

50 - 6 70 - 9

50

22.5

12.7

50 - 5

70

22.6

12.1

45 - 5

65

22.7

12.4

50 - 5

65

22.8

18.9

50 - 7

70

22.9

16.7

50 - 6

70

230

15.3

55 - 5

75

231

12.3

45 - 5

65

232

16

40 - 5

70

233

13.3

234	11.2"	45-5"	65'
235	14.2"	50-5"	65'
236	13.9"	40-6"	65'
237	12.8"	45-5"	60'
238	13.3"	40-6"	65'
239	11.9"	50-5"	65'
240	11.0"	50-5"	65'
241	13.5"	45-6"	65'
242	16.1"	45-6"	65'
243	18.8"	45-5"	65'
244	16.1"	50-5"	65'
245	11.5"	50-5"	65'
246	13.7"	50-5"	65'
247	17.7"	50-6"	65'
248	14.9"	55-6"	65'

	14°	50.5	65
250	14.2	50.5	65
251	14.1	50.4	65
252	16.7°	45.7°	65
253	13.2	45.6	65
254	12.1°	45.5	65
255	14.9	45.6	65
256	12.6	45.5	65
257	13.8°	45.5	65
258			
259			
260			
261			
262			
263			

264

65

66

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74

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77

78

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H 279

87

88

89

90

91

92

93

94

95

96

97

98

99

100

35

N. 294

95

96

97

98

99

N. 300

Mr. Calther

H-301 Oban Group Total in Nov 1962 Confined S)

Rainfall 40° annual
dry Nov-March - soil not saturated often
but in deepest parts
A Hanger - sandy clay loam 15'
B Clay & sand - moist soil -

N.301	12.9"	40-5"	60'
302	12.4"	40-5"	40'
303	11.6"	40-5"	60'
304	10.4"	40-5"	60'
305	11.0"	20-3"	60'
306	11.8"	40-5"	60'
307	12.0"	40-5"	60'
308	10.4"	40-5"	65'
309	9.3"	40-5"	65'
310	10.7"	40-5"	65'
311	9.9"	40-4"	65'

N 312	12.3"	40-6	60'
313	11.6"	40-5	60'
314	11.4"	40-5"	60'
315	12.1"	45-6	60'
316	10.1"	45-5"	65'
317	11.1"	45-5	60'
318	9.3"	45-5"	65'
319	12.2"	42-5"	60'
320	10.6	42-5"	60'
321	10.6	42-5"	60'
322	11.3"	45-5"	60'
323	13.3	45-6	60'
324	11.9"	40-6	60'
325	10.2"	40-4"	60'
326	9.9	40-5"	60'

٦٣

0.22	9.6	410.5	—	35°
0.20	12.7	360.5	—	37°
0.18	13.6	400.6	—	36°
0.16	9.4	200.5	—	33°
0.14	6.6	300.5	—	33°
0.12	15.0	300.5	—	32°
0.10	5.0	—	—	33°
0.08	12.2	300.5	—	35°

40

46

50

~~All bottom broken off but see result of digging
at water level and the watercourses are full now~~

1954 Guelph Wellington 2d 101

1.	15.5"	55' - 12"	70'
2.	12.5"	48' - 8"	60'
3.	17.5"	62' - 10"	65'
4.	17.5"	48' - 10"	65'
5.	16.0"	45' - 8"	65'
6.	16.0"	40' - 12"	65'
7.	13.0"	75' - 2"	60'
8.	19.0"	35' - 12"	55'
9.	16.5"	80' - 12"	56'
10.	19.0"	- - 35' - 10"	55'
11.	17.0"	45' - 12"	55'
12.	14.5"	40' - 10"	50'
13.	16.5"	35' - 8"	50'
14.	22.0	45' - 12"	70'
15.	16.5"	40' - 10"	50'

Windy morning	set for Spanish Tide height 213 1/2 ft	+ 5' above Teak height 7 1/2 inches These date 8 May, 1900 - 8 years 2 months	51
8. 16	20.0°	45° 10"	60'
17	15.0°	28° 12"	63"
18	12.5°	25° 14"	49'
19	21.0°	42° - 14"	50"
20	18.5°	40° 17"	65'
21	12.0°	210° 13"	50"
22	12.0°	15° + 17"	55'
23	21.0°	45° 10"	63"
24	18.0°	23° 15"	48'
25	16.5°	26° 8"	60'
26	13.0°	20° - 8"	48'
27	16.0°	23° - 8"	55'
28	16.0°	23° - 8"	55'
29	17.5°	20° - 10"	50'
30	17.0°	20° - 10"	55'

52

31	19.5	40° - 10"	55'
32	22.0	Tubular	55'
33	21.5	40° - 10"	60'
34	17.0	40° - 10"	60'
35	15.0	40° - 10"	60'
36	26.0	45° - 10"	60'
37	13.0	30° - 10"	60'
38	10.5	30° - 10"	65'
39	10.0	20° - 10"	55'
40	21.2	40° - 10"	55'
41	19.5	25° - 10"	60'
42	15.5	35° - 10"	55'
43	23.0	30° - 10"	60'
44	19.5	45° - 10"	55'
45	22.5	45° - 10"	60'
46	15.0	40° - 6.0	60'
47	13.0	45° - 8.0	70'
48	18.0	40° - 10.0	60'

49	12.0	35 - 6.0	50'
50	12.5	40 - 8.0	20'
51	2.5	40 - 12	5.5'
52	25'	35 - 10	6.0
53	16.5	45 - 8'	6.0
54	19.5	35 - 8'	6.5'
55	17.5	35 - 6	2.5
56	15.5	35 - 10	6.0
57	12.0	40 - 10	6.5
58	19	40 - 10	6.0
59	18	35 - 8	6.0
60	17.5	45 - 8	6.5
61	16.0	35 - 8'	5.5'
62	22.0	35 - 10	6.0
63	14.5	35 - 10	5.5'
64	12.0	35 - 10	6.0
65	17.5	35 - 10	6.0
66	20.0	40 - 12	6.0

B. 67	15°	40° - 8°	60
68	21	40° - 10	60
69	18	35° - 10	60
70	~ 0	40° - 10	60
71	10	35° - 10	60
72	12	35° - 10	60
73	20°	40° - 10	65
74	20°	40° - 10	65
75	30°	40° - 10	65
76	30°	40° - 10	65
77	14.5	40° - 8	65
78	11.0	35° - 10	60
79	14.5	40° - 10	65
80	13.0	40° - 10	65

- Total 295 acres

about half flowering - fruiting season
just in began - May - June

Total - 56 trees

~ 6 years - average size 55

Leaving -

Rubber plantation - 1922 June-July - 8' ruler
94 acres

BH 81.	10.0"	40-6	60'
82.	12.5	45-5	60'
83.	16.5	35-7"	60'
84.	14.0	44-5"	60'
- 85	10.5	35-5"	60'
86.	10.0"	40-5	60'
87.	8.0"	35-4"	60'
88.	9.5"	45-4"	60'
89.	12"	40-6"	60'
90.	10.5	45-5	60'
91.	9.5	45-5	60'
92.	11.0	50-5	60'
93.	13.0	40-5	60'
94.	9.0	40-5	60'

BB. 95	11.0	35° - 5"	53
96	11.5	40° - 2"	50
97	11.5	35° - 5"	50
98	11.5	20° - 5"	50
99	9.0	30° - 4"	46
100	11.0	25° - 5"	53
101	9.5	30° - 5"	46
102	10.0	35° - 5"	53
103	11.0	40° - 5"	53
104	12.5	35° - 5"	53
105	10.0	30° - 4"	50
106	10.0	40° - 3"	50
107	9.5	35° - 5"	50
108	10.0	40° - 5"	53
109	10.0	35° - 5"	53
110	10.0	40° - 5"	53

111	11.0	35-5	55
112	12.0	40-5	56
113	11.0	40-5	55
114	10.0	40-5	55
115	10.0	40-5	55
116	11.0	40-5	56
117	10.0	40-5	55
118	11.0	40-5	56
119	11.0	40-5	56
120	10.0	40-5	55
121	10.0	40-5	55
122	13.0	45-6	57
123	10.0	40-5	55
124	9.5	35-5	53
125	11.0	40-5	56
126	11.0	40-5	56

127	16.2	30.5	67
128	16.3	30.5	65
129	16.5	30.5	66
130	16.2	30.5	66

Faba
11.21
to man-days

Send envelope for Serry Lure
I'm ready for you
from 59

→ 44 acres ~~Gullina Ranch~~, 1963 June-July wolf fence
38 acres

131 8.0' 40-4 50'

132 8.0' 35-4 45'

133 7.5' 35-4 45'

134 8.0' 40-4 50'

135 8.0' 35-5 50'

136 7.5' 40-4 50'

137 10.0' 35-4 45'

138 10.0' 35-11 45'

139 6.5' 40-6 35'

140 10.0' 40-5 50'

60

Several lots - after buying
all but 1 lot from

Franklin Franklin 1868 - finally 59 acres.

829	124	2.5	22	30	23
132	216	—	33	27	21
133	810	—	35	11	18
134	610	—	26	4	11
135	625	—	21	4	21
136	610	—	35	3	19
137	32	—	10	3	23
138	710	—	21	0	23
139	50	—	20	2	21
140	66	—	15	2	15

Gumelina Seed Program
 Seed Collection Phase
 350 Selected Trees

Visited April, 1967

Apr 5 1. Iknigwa Forest Reserve

N 53 - N 112 (50 selected trees)

Apr 4 2. Efium Forest Reserve planted January, 1962.
 N 13 - N 52 (80 selected trees)

Apr 7 3. Benue Forest Reserve

N 301 - N 300 (100 Trees, 43 to be selected)

Apr 5 4. Akwa River Forest Reserve Planted 1946 - 21 years old.
 N 112 - N 162 (50 selected trees)

Apr 7 5. Akpanta Forest Reserve

N 163 - N 179. Comp. 29A (17 selected trees)

Planted 1953, harvested 1963.

N 185 - 200 Comp. 29B (21 selected trees) Planted 1955

Harvested 1962

Apr 3 6. Pitwood Plantation

N 1 - N 12. (12 Trees all preserved for seed analysis)

Apr 11 7. Oban Group Forest Reserve (Ani) 5 years old

N 301 - N 350 (50 selected trees) Planted May-June, 1962

(Fruit generally parasitized. Probably should not be used.)

8. Enugu 50-year old plantings. Obtain seed for
 phase B seed collection

copy to
Mr. Ober
Mr. Kline

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Memorandum

To: Mr. A
Mr. Leo

From: B.M.

Subject: Financial Programs

100

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Th

British Honduras

60200 Rynchospora Weed in plantation of
Toledo, B.H. at 100-200 m all. Jan 4

60201 *Cissia* aff. *C. ferruginea*. Tree to 15m high, latex clear,
below Rest House, Augustina Forest

60202 Hypericum tenuifolium - firmae. Shrub to 2m high, fl
forests, in Melchor Creek, Mountain Pine Ridge

60203 *Cissia monosperma* sp. tree to 8m, latex cream - white
ovary 5-celled, stigma 5.

204. *Cissia monosperma* ? Data as above

60205. *Tristicha trifolia* ^{sp. ?} Mono-lobed plant growing densely
floating water, Guacamallo Bridge

60206 *Cissia* ? Small tree on limestone, latex clearish
petals of cream colored, thickly coriaceous,
Chiquibul Forest 2-5 km S of Guacamallo

60207. *Cissia* ? data as above, fruit 4-5-celled.

60208 *Cissia* ? data as for 60206.
(This tree bore a single fruit!)

60209 Chiriquí - Cito co., Panama Jan. 1967.
Cissia aff. *C. rosea*. Beautiful large evergreen tree to 18
m fruit only, Citroco at 400m

Penus caribea, Machaca Forest Station ^{seed}
1967.

Jan 5, 1967.

moderate, frequent on slopes
habitat at 500m alt. Cyto material C.
whitish, terminal, yellow; Oats-Price
550m alt. cyto - seed C.

moderate, data as above,

Cyto

F.

F.

on submerged rocks in swiftly
East Branch, Belize River at 400m. A.

sow becoming milky, moderate,
bulge @ 500m alt. Cyto F

F

Clusia lundellii Standley
?: *C. chameiana* Lundell

Cyto F

" " "
" " "
" " "
" " "

W. high, latex yellow
st., Chiriquí, Panama Seed C.
Jan. 8, 1967

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Cerro, Chiriquí, Panamá @ 400 m. alt.

60210 *Clusia minor* L. sens lat.

Bushy tree to 6
yellowish, petals
data as above,
7-8-celled, stigma

211

Clusia minor L. sens lat.

Jan 8, 1969

2-8

in high, pale clear, oxidizing
5, pinkish - white. C.
fruit oblong - ellipsoidal
2-8. seed C.

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May 4, 1967. Augustine Forest Department Confid

⑥ 60335 *Clusiia* M ♀ Tree 10 m high, margin Rio Rio. Augu-

⑥ 60336 | *Clusiia* M ♀ Tree to 15 m high, margin ~~Soil~~
afforma = well-fertilized country 30 cm
diam, sometimes a few stems

May 5, 1967. Augustine Botanic Gardens Point

5.00/-

⑥ 60337 *Clusiia* undulata Tree 5-7 m high little latex in trunk.
afforma ~~soil~~ ^{soil} 30 cm. May 5

⑥ 60338 *Clusiia* undulata

⑥ 60339 | *Clusiia* flava ♀ Tree to 15 m high, latex
abundant, leaves, Augustin

60340 *Clusiia* flava ♂

60341 Polyfore. *Anthonia* ~~Platetaria~~, Melinda

Biotops Honduras.

Soil surface.

C. maxima leaf

Mopulan, 3 mi from Augustine Dredge Bay and
with water source, in Pine-Oak association, regenerating
soil level 2 m from Harbor Trail road about same few
fragments > 1800' old

soil with frequent *Sideroxylon* shrub, herbs with moderate white
mottle, O.

moderate to open clear sunny site. On hill below
Dredge Bay.

May 9, 1969

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Tentative Trip Programme

Egwu pitwood plantations

3/4/67 - afternoon 2-4.30pm

Effi reserve

4/4/67 - 9am

Ikngiong reserve

5/4/67 - 8am. ^{Lunch} 5

Mamu =

6/4/67 9am }

Akpaka =

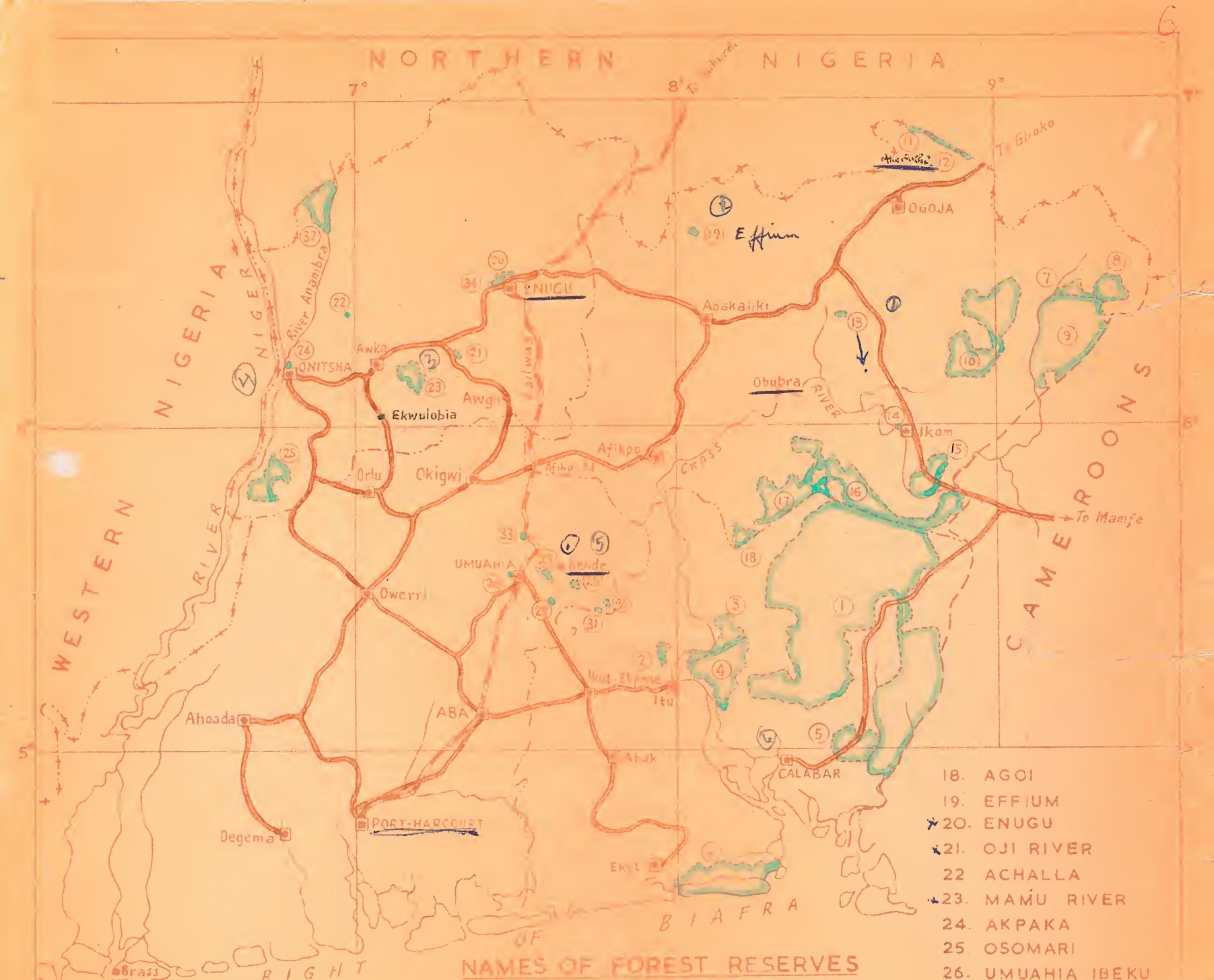
7/4/67 8am }

Bende =

8/4/67 7am

Awi (Oban reserve)

10th-11th April 1967.



EASTERN NIGERIA SHEWING FOREST RESERVES

SCALE: 1:1,750,000 OR 1 INCH TO 27.62 MILES
0 Miles 10 20 40 60 Miles

300

100

0 X 01

3 X 8

5 X 9

21 X 701

900
- 800
100
- 100
000

0 X 0 9

2 0 8 0

2 8 X 9

Randolph H. Dominguez.

COMPARTMENT 29B: AGE : 1955 Plantation

DATA From Enumeration carried out in September, 1962.

Average Stem Density per acre	=	491 (6" and Over)
" Basal Area "	=	114 Sq.ft.
" Volume O.B. "	=	2940 cub. ft.
" Volume U.B. "	=	2656 " "
Bark Volume %		14%
Form Factor	=	.52

DATA from Thinning Carried out in October, 1962

Total No. of Thinnings per acre	=	298
Mean Tree GBH - 14"; Timber ht.	=	28'
Basal area thinned per acre	=	38 Sq. ft.
Volume O.B. per acre		680 cub. ft.
Volume U.B. " "	=	606 " "

Average Girth of 10 largest tree per acre	40" in 1960
" " " 10 " " " "	45" in 1962
Mean Tree Girth	20" " 1960
" " "	22" " 1962

Volume of crop in 1960 = 2825 cub. ft. (approx. 39 cords)

P.O. Enemuch
PROVINCIAL FOREST OFFICER.

GMELINA PLUG TREES
UKPOM BENUE FOREST RESERVE

Tree Number	Compartment	Location
Plus Tree No. 1	9	Along the Res. Boundary
- do -	7	- do -
" 3	13	Along Motor Road.
" 4	13	- do -
" 8	13	"
" 9	13	"
" 10	13	"
" 11	13	"
" 12	13	"
" 13	13	At the Roadside Camp.

